

Practitioner's Docket No. 421/67 PCT/US
 Serial No. 10/520,341

CHAPTER II

IN THE UNITED STATES ELECTED OFFICE (EO/US)

PCT/US03/21094	07 July 2003 (7.07.03)	05 July 2002 (5.07.02)
International Application No.	International Filing Date	Priority Date Claimed

PURIFIED AND ISOLATED HEPARAN SULFATE 3-O-SULFOTRANSFERASE ISOFORM 5 NUCLEIC ACIDS AND POLYPEPTIDES AND THERAPEUTIC AND SCREENING METHODS USING SAME

Title of Invention

The University of North Carolina at Chapel Hill et al.

Applicant(s)

**Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
 ATTENTION: EO/US**

**COMPLETION OF FILING REQUIREMENTS
 FOR INTERNATIONAL APPLICATION ENTERING U.S. NATIONAL STAGE
 IN U.S. ELECTED OFFICE (EO/US) UNDER 35 U.S.C. § 371**

This replies to the Notice of Missing Requirements under 35 U.S.C. § 371 and 37 C.F.R. § 1.495 (FORM PCT/DO/EO/905).

A copy of FORM PCT/DO/EO/905 accompanies this response.

EXPRESS MAILING UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory.)

(Express Mail certification is optional)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date October 20, 2005 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. EV641132719US.

Stacie H. Boswell

Date: October 20, 2005

Stacie H. Boswell

Signature of person certifying

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

Rec'd PCT/PTO 20 OCT 2005 #7
10/520341

DECLARATION OR OATH

I. The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

FEES

II. Surcharge fees

Surcharge for filing the oath or declaration
later than thirty months from the priority
date pursuant to § 1.495(c):

Total Fees \$65.00

\$65.00

SMALL ENTITY STATUS

III. An assertion that this filing is by a small entity was made by paying the basic national fee as a small entity.

EXTENSION OF TIME

IV. The proceedings herein are for a patent application. Accordingly, the provisions of 37 C.F.R. § 1.136(a) apply.

Applicant petitions for an extension of one month, the small entity fee for which is \$60.00 as set out in 37 C.F.R. § 1.17(a)(1). If an additional extension of time is required, please consider this a petition therefor.

Extension fee due with this request \$60.00

TOTAL FEE DUE

V. The total fee due is:

Completion fee(s) \$65.00
Extension fee (if any) \$60.00

TOTAL FEE DUE \$125.00

10/26/2005 LLANDGRA 00000062 500426 10520341

01 FC:2617 65.00 DA
02 FC:2251 60.00 DA

PAYMENT OF FEES

VI. Authorization is hereby made to charge the amount of \$125.00 to Deposit Account No. 50-0426.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this request is attached.

Date:

10/20/2005

Reg. No.: 39,395

Tel. No.: 001-919-493-8000

Signature of Practitioner

Arles A. Taylor, Jr.

Jenkins, Wilson & Taylor, P.A.

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3100 Tower Boulevard

Durham, NC 27707

UNITED STATES OF AMERICA



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/520,341	Jian Liu	421/67 PCT/US

Arlie A Taylor Jr
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INTERNATIONAL APPLICATION NO.

PCT/US03/21094

I.A. FILING DATE	PRIORITY DATE
07/07/2003	07/05/2002

CONFIRMATION NO. 2710
371 FORMALITIES LETTER



OC000000016661181

Date Mailed: 08/01/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/05/2005
- Copy of the International Search Report filed on 01/05/2005
- Preliminary Amendments filed on 07/13/2005
- Information Disclosure Statements filed on 02/10/2005
- Biochemical Sequence Diskette filed on 01/05/2005
- Oath or Declaration filed on 01/05/2005
- Biochemical Sequence Listing filed on 01/05/2005
- U.S. Basic National Fees filed on 01/05/2005
- Priority Documents filed on 01/05/2005

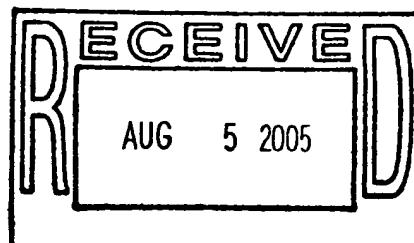
9/1/10/1; 11/1;
DOCKET DATES: 12/1; 11/1; 21/10
ASSIGNED ATTY: AAT/JD
FILE NO. 421/67 PCT/US
DOCKETED BY: JAM/D
DATE: 8. 8. 05

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- **\$65** Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:



- \$65 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/520,341	PCT/US03/21094	421/67 PCT/US

FORM PCT/DO/EO/905 (371 Formalities Notice)